Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

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Attorney's Docket No. Application No. 12732-0223001 10/807,545

Mitsuaki Osame et al.
Filing Date
March 24, 2004

Group Art Unit 2629

Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))

U.S. Patent Documents Examiner Desig. Document Publication Filing Date Initial ID Number Date Patentee Class Subclass If Appropriate 1. 2001/0017618 08/30/2001 Azami 12/22/2000 Kimura 2.. 2001/0022565 09/20/2001 03/05/2001 3. 2001/0035849 11/01/2001 Kimura et al. 04/17/2001 4. 2003/0020969 01/30/2003 Kimura 07/23/2002 5 2005/0012686 01/20/2005 Osame et al. 03/24/2004 6. 2007/0007527 01/11/2007 Kovama 09/08/2006 7. 2007/0115223 05/24/2007 Kimura 09/19/2006 8 5,247,190 09/21/1993 Friend et al 04/18/1990 9. 5,399,502 03/21/1995 Friend et al. 05/05/1993 10. 5.615.027 03/25/1997 Kuribayashi et al. 01/18/1995 11. 5,764,206 06/09/1998 Kovama et al. 04/18/1995 12 5,990,629 11/23/1999 Yamada et al. 01/26/1998 13. 6,124,840 09/26/2000 Kwon 05/21/1998 6.583,775 06/24/2003 14. Sekiya et al. 06/15/2000 15. 6.611.108 08/26/2003 Kimura 04/25/2001 16 6,661,180 12/09/2003 Koyama 03/21/2002

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No
	15	JP-10-092576	04/10/1998	Japan			Abst.	
	16	WO-1990/013148	11/01/1990	WIPO			Eng.	
	17	JP-11-176521	07/02/1999	Japan			Abst.	
	18	JP-2001-324958	11/22/2001	Japan			Abst.	

Koyama

Koyama

Kimura

Masuvama

07/05/2005

06/06/2006

09/12/2006

10/31/2006

Examiner Signature

17.

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19

20.

6,914,390

7,057,655

7,106,006

7,129,918

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

11/19/2003

10/13/1999

05/31/2005

03/05/2001

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce	Attorney's Docket No.	Application No.
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	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	1	Country or			Trans	slation
Initial	ID	Number	Publication Date	Patent Office	Class	Subclass	Yes	No
	19	JP-10-239665	09/11/1998	Japan			Full	
	20	JP-2002-351357	12/06/2002	Japan			Abst.	

	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner	Desig.					
Initial	ID	Document				
	21	SCHENK et al., "POLYMERS FOR LIGHT EMITTING DIODES," EURODISPLAY '99: PROCEEDINGS OF THE 19TH IDRC (INTERNATIONAL DISPLAY RESEARCH CONFERENCE PROCEEDINGS), September 6, 1999, pp. 33-37.				
	22	TSUTSUI et al., "ELECTROLUMINESCENCE IN ORGANIC THIN FILMS," PHOTOCHEMICAL PROCESSES IN ORGANIZED MOLECULAR SYSTEMS, 1991, pp. 437- 450.				
	23	BALDO et al., "HIGHLY EFFICIENT PHOSPHORESCENT EMISSION FROM ORGANIC ELECTROLUMINESCENT DEVICES," NATURE, September 10, 1998, Vol. 395, pp. 151-154.				
	24	BALDO et al., "VERY HIGH-EFFICIENCY GREEN ORGANIC LIGHT-EMITTING DEVICES BASED ON ELECTROPHOSPHORESCENCE." APPL. PHYS. LETT. (APPLIED PHYSICS LETTERS), July 5, 1999, Vol. 75, No. 1, pp. 4-6.				
	25	TSUTSUI et al., "HIGH QUANTUM EFFICIENCY IN ORGANIC LIGHT-EMITTING DEVICES WITH RIDIUM-COMPLEX AS A TRIPLET EMISSIVE CENTER," JPN. J. APPL. PHYS. (JAPANESE JOURNAL OF APPLIED PHYSICS), December 15, 1999, Vol. 38/PART.2, No. 12B, pp. L1502-L1504				
	26	KIMURA et al., "TFF-LEPD WITH IMAGE UNIFORMITY BY AREA RATIO GRAY SCALE." EURODISPLAY '99: PROCEEDINGS OF THE 19TH IDRC (INTERNATIONAL DISPLAY RESEARCH CONFERENCE), September 6, 1999, pp. 71-74.				
	27	SHIMODA et al., "TECHNOLOGY FOR ACTIVE MATRIX LIGHT EMITTING POLYMER DISPLAYS," IEDM 99: TECHNICAL DIGEST OF INTERNATIONAL ELECTRON DEVICES MEETING, 1999, pp. 107-110.				
	28	SHIMODA et al., "CURRENT STATUS AND FUTURE OF LIGHT-EMITTING POLYMER DISPLAY DRIVEN BY POLY-SI TFT," SID DIGEST '99 : SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS, May 18, 1999, pp. 372-375.				
	29	HAN et al., "3.8inch GREEN OLED WITH LOW TEMPERATURE POLY SI TTT." EURODISPLAY '99: PROCEEDINGS OF THE 19TH IDRC (INTERNATIONAL DISPLAY RESEARCH CONFERENCE) LATE-NEWS PAPERS, September 6, 1999, pp. 27-30.				
	30	KIMURA et al., "LOW-TEMPERATURE POLY-SI TFT DRIVEN LIGHT-EMITTING- POLYMER DISPLAYS AND DIGITAL GRAY SCALE FOR UNIFORMITY," IDW 99: PROCEEDINGS OF THE 6TH INTERNATIONAL DISPLAY WORKSHOPS, 1999, pp. 171-174.				

Examiner Signature	Date Considered
	Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 12732-0223001	Application No. 10/807,545
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	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID						
miliai	IU	Document					
	31	SHIMODA et al., "HIGH RESOLUTION LIGHT EMITTING POLYMER DISPLAY DRIVEN BY LOW TEMPERATURE POLYSILICON THIN FILM TRANSISTOR WITH INTEGRATED DRIVER," ASIA DISPLAY '98: PROCEEDINGS OF THE 18TH IDRC (INTERNATIONAL DISPLAY RESEARCH CONFERENCE), 1998, pp. 217-220.					
	32	YADID-PECHT et al., "WIDE DYNAMIC RANGE APS STAR TRACKER," SOLID STATE SENSOR ARRAYS AND CCD CAMERAS (PROCEEDINGS, SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING), 1996, Vol. 2654, pp. 82-92.					
	33	YANG et al., "A \$40×512 CMOS IMAGE SENSOR WITH ULTRA WIDE DYNAMIC RANGE FLOATING-POINT PIXEL-LEVEL ADC," ISSCC 99 (DIGEST OF TECHNICAL PAPERS, IEEE INTERNATIONAL SOLID-STATE CIRCUITS CONFERENCE), 1999, pp. 308-309.					

Examiner Signature	Date Considered
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 12732-223001	Application No. 10/807,545
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(Use several sh (37 CFR §1.98(b))	eets if necessary)	Filing Date March 24, 2004	Group Art Unit 2629

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,814,834	09/29/1998	YAMAZAKI et al.			12/04/1996
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ				1		
	AK						

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or		Sub-	Transla	
Initial	ID	Number	Date	Patent Office	Class	class	Yes	No
	AL	JP09-162414	06/20/1997	JAPAN			Abstract	
	AM	JP09-270518	10/14/1997	JAPAN			Abstract	
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner	Desig.				
Initial	ID	Document			
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	AR				
	AS				
	AT				

Examiner Signature	Date Considered
EXAMINER: Initials citation considered Draw line through citation if no	tin and many and a transition of the transition